

## **VIA ELECTRONIC FILING – TRADE SECRETS REDACTED**

Daniel Wolf Minnesota Public Utilities Commission 121 7th Place East, Suite 350 Saint Paul, MN 55101

RE: DOCKET NO. E002/M-13-867

In the Matter of the Petition of Northern States Power Company, dba Xcel Energy, Requesting Approval of its Proposed Community Solar Gardens Program

Dear Mr. Wolf,

Please find enclosed the public version of SunShare's response to the Department of Commerce's Information Request 4 in the above-mentioned docket. This submission includes a portion of the original Information Request response, with Exhibits (containing trade secrets) fully redacted.

Contact me at any time with questions regarding this submission.

Sincerely,

s/ Ross Abbey
Ross Abbey

SunShare, LLC Director, Regulatory & Legal – MN

609 S. 10<sup>th</sup> Street, Suite 210 Minneapolis, MN 55404 (612) 345-8331 ross@mysunshare.com

On Behalf of SunShare, LLC



## DISCOVERY FILING IN RESPONSE TO SEPTEMBER 10 INFORMATION REQUEST CONTAINS TRADE SECRET DATA

Connor Boler Department of Commerce 85 7<sup>th</sup> Place East, Suite 500 St. Paul, MN 55101-2198

Susan Peirce Department of Commerce 85 7<sup>th</sup> Place East, Suite 500 St. Paul, MN 55101-2198

## **RE:** DOCKET NO. E002/C-15-786

Complaint by SunShare, LLC Against Northern States Power Company dba Xcel Energy for Violations of Section 10 Interconnection Tariff and Related to Solar\*Rewards Community Program Rules

Dear Mr. Boler and Ms. Peirce,

On August 27, 2015, SunShare filed a formal complaint with the Public Utilities Commission ("Commission"), alleging over 100 discrete tariff and order violations by Northern States Power ("NSP") as of August 24, 2015. The Commission opened Docket E002/15-786 regarding our complaint on August 28, 2015.

On September 10, 2015, the Department of Commerce ("Department") issued Information Requests ("IR") in Docket E002/15-786 to both SunShare and NSP (asking the Company to provide, *inter alia*, its "response to each of the allegations contained in SunShare's complaint"). IR 4 asked SunShare:

In its complaint, SunShare asserts that Xcel provided partial and/or incomplete engineering results for a number of its community garden projects. For each project SunShare asserts a partial or incomplete engineering study, please provide detailed information identifying the deficiencies in the study, and what SunShare believes is needed to deem the study 'complete.'

The Department asked for a full response by September 21, 2015. It thereafter extended the deadline (by three business days) to September 24, 2015.

In response to the Department's IR, we have outlined below the deficiencies in each engineering study we have received from NSP and any project-related Section 9 and/or 10 tariff violations below:

- Exhibit 1(a) outlines deficiencies and/or violations as of August 24, 2015 (the information cut-off date for our complaint).
- Exhibit 1(b) outlines the same as of today, September 24, 2015.
- Exhibit 2(a) outlines the steps needed to remedy deficiencies regarding partial or incomplete Section 10, Step 4 and 5 deliverables.
- Exhibit 2(b) is a list of outstanding SunShare engineering questions, as referenced by Exhibit 2(a).

For the Department's information, since the date of our complaint, NSP has continued to process our CSG applications in good faith and has provided a number of previously outstanding tariff-required deliverables. More specifically:

- 1) On or about August 27, 2015, NSP deemed complete each of the 31 CSGs listed in Exhibit 3 in our complaint. (Each application was thus deemed complete 55 calendar days after the allowable-day timeline.)
- 2) On or about September 18, 2015, NSP delivered engineering study scope of work statements for each of the 34 CSGs listed in Exhibit 2 in our complaint.<sup>2</sup> (Each statement was thus delivered 151 business days after the allowable-day timeline.)
- 3) On September 18, 2015, NSP provided a draft hard copy of a revised engineering study report (with [some] Section 10, Step 5 deliverables) for 5 of the CSGs at one site listed in Exhibit 1 of our complaint, but admitted that the revision was not yet in complete and final form.

Although we are pleased to receive these materials, we must note the substantial project delay caused by NSP's timeline overruns. For example, we estimate the cumulative delay before NSP's August 27 delivery (noted above) to be 1,705 lost calendar days.<sup>3</sup> We estimate the cumulative delay before NSP's September 18 delivery (noted above) to be 5,134 lost business days.<sup>4</sup> (In total, the projects listed in our complaint have lost over 8,220 days due to alleged NSP violations.)

In addition, 33 of our projects continue to experience current and ongoing tariff and/or rule violations. (For each such project, Exhibit 2 below outlines the remedies needed for NSP to meet its obligations.)

<sup>&</sup>lt;sup>1</sup> We are satisfied to report that we have not experienced any retaliation from NSP as a result of our complaint to date.

<sup>&</sup>lt;sup>2</sup> SunShare is currently reviewing these SOW statements for accuracy and completeness, and will communicate directly with NSP regarding any technical questions or apparent deficiencies.

<sup>&</sup>lt;sup>3</sup> 31 projects x 55 calendar days = 1,705 calendar days.

<sup>&</sup>lt;sup>4</sup> 34 projects x 151 business days = 5,134 business days.

In conclusion, we continue to request all the relief requested in our complaint, including ongoing oversight of NSP tariff and rule compliance by the Department and the Commission as to all CSGs at issue in SunShare's complaint.

Please do not hesitate to contact me with any questions.

Sincerely,

s/ Ross Abbey

Ross Abbey

SunShare, LLC Director, Regulatory & Legal – MN

609 S. 10<sup>th</sup> Street, Suite 210 Minneapolis, MN 55404 (612) 345-8331 ross@mysunshare.com

On Behalf of SunShare, LLC

[TRADE SECRET REDACTION BEGINS]

[TRADE SECRET REDACTION ENDS]

## **CERTIFICATE OF SERVICE**

I, Ross Abbey, hereby certify that on September 30, 2015, I served copies of the preceding document on the Public Utilities Commission by electronic filing, certified mail, or by depositing a true and correct copy thereof properly enveloped with postage paid in the United States Mail at Minneapolis, Minnesota.

Formal Complaint and Petition by SunShare, LLC Against Northern States Power Company - a Minnesota Corporation d/b/a Xcel Energy for Violations of its Section 10 Interconnection Tariff and Related Solar\*Rewards Community Program Rules

Certified this 30<sup>th</sup> day of September, 2015

s/ Ross Abbey
Ross Abbey

SunShare, LLC Director, Regulatory & Legal – MN

609 S. 10th Street, Suite 210 Minneapolis, MN 55404 (612) 345-8331 ross@mysunshare.com

On Behalf of SunShare, LLC

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Ross	Abbey	ross@mysunshare.com	SunShare, LLC	609 S. 10th Street Suite 210 Minneapolis, MN 55404	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Michael	Allen	michael.allen@allenergysol ar.com	All Energy Solar	721 W 26th st Suite 211  Minneapolis, Minnesota 55405	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Julia	Anderson	Julia.Anderson@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota St St. Paul, MN 551012134	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Sara	Baldwin Auck	sarab@irecusa.org	Interstate Renewable Energy Council, Inc.	774 E 3rd Ave Salt Lake City, UT 84103	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Kenneth	Bradley	kbradley1965@gmail.com		2837 Emerson Ave S Apt CW112 Minneapolis, MN 55408	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Michael J.	Bull	mbull@mncee.org	Center for Energy and Environment	212 Third Ave N Ste 560  Minneapolis, MN 55401	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Jessica	Burdette	jessica.burdette@state.mn. us	Department of Commerce	85 7th Place East Suite 500 St. Paul, MN 55101	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Joel	Cannon	jcannon@tenksolar.com	Tenk Solar, Inc.	9549 Penn Avenue S  Bloomington, MN 55431	Electronic Service	No	OFF_SL_15-786_PUC Official SL
John J.	Carroll	jcarroll@newportpartners.c om	Newport Partners, LLC	9 Cushing, Suite 200 Irvine, California 92618	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Arthur	Crowell	Crowell.arthur@yahoo.com	A Work of Art Landscapes	234 Jackson Ave N  Hopkins,  MN  55343	Electronic Service	No	OFF_SL_15-786_PUC Official SL

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Dustin	Denison	dustin@appliedenergyinno vations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_15-786_PUC Official SL
ames	Denniston	james.r.denniston@xcelen ergy.com	Xcel Energy Services, Inc.	414 Nicollet Mall, Fifth Floor Minneapolis, MN 55401	Electronic Service	No	OFF_SL_15-786_PUC Official SL
an	Dobson	ian.dobson@ag.state.mn.u s	Office of the Attorney General-RUD	Antitrust and Utilities Division 445 Minnesota Street, BRM Tower St. Paul, MN 55101	Electronic Service 1400	Yes	OFF_SL_15-786_PUC Official SL
ill	Droessler	bdroessler@iwla.org	Izaak Walton League of America-MWO	1619 Dayton Ave Ste 202 Saint Paul, MN 55104	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Betsy	Engelking	betsy@geronimoenergy.co m	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Electronic Service	No	OFF_SL_15-786_PUC Official SL
ohn	Farrell	jfarrell@ilsr.org	Institute for Local Self- Reliance	1313 5th St SE #303  Minneapolis, MN 55414	Electronic Service	No	OFF_SL_15-786_PUC Official SL
mma	Fazio	emma.fazio@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-786_PUC Official SL
haron	Ferguson	sharon.ferguson@state.mn .us	Department of Commerce	85 7th Place E Ste 500 Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_15-786_PUC Official SL
athan	Franzen	nathan@geronimoenergy.c om	Geronimo Energy	7650 Edinborough Way Suite 725 Edina, MN 55435	Electronic Service	No	OFF_SL_15-786_PUC Official SL

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Hal	Galvin	halgalvin@comcast.net	Provectus Energy Development IIc	1936 Kenwood Parkway  Minneapolis,  MN  55405	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Allen	Gleckner	gleckner@fresh-energy.org	Fresh Energy	408 St. Peter Street Ste 220 Saint Paul, Minnesota 55102	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Timothy	Gulden	info@winonarenewableene rgy.com	Winona Renewable Energy, LLC	1449 Ridgewood Dr Winona, MN 55987	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Michael	Harvey	mike@weknowsolar.com	We Know Solar	265 Mounds View Rd Suite #1 River Falls, WI 54022	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Duane	Hebert	duane.hebert@novelenerg y.biz	Novel Energy Solutions	1628 2nd Ave SE  Rochester, MN 55904	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Lynn	Hinkle	Ihinkle@mnseia.org	Minnesota Solar Energy Industries Association	2512 33rd Ave South #2  Minneapolis, MN 55406	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Jim	Horan	Jim@MREA.org	Minnesota Rural Electric Association	11640 73rd Ave N Maple Grove, MN 55369	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Jan	Hubbard	jan.hubbard@comcast.net		7730 Mississippi Lane Brooklyn Park, MN 55444	Electronic Service	No	OFF_SL_15-786_PUC Official SL
John S.	Jaffray	jjaffray@jjrpower.com	JJR Power	350 Highway 7 Suite 236  Excelsior, MN 55331	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Linda	Jensen	linda.s.jensen@ag.state.m n.us	Office of the Attorney General-DOC	1800 BRM Tower 445 Minnesota Street St. Paul, MN 551012134	Electronic Service	No	OFF_SL_15-786_PUC Official SL

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Eric	Jensen	ejensen@iwla.org	Izaak Walton League of America	Suite 202 1619 Dayton Avenue St. Paul, MN 55104	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Michael	Kampmeyer	mkampmeyer@a-e- group.com	AEG Group, LLC	260 Salem Church Road Sunfish Lake, Minnesota 55118	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Brad	Klein	bklein@elpc.org	Environmental Law & Policy Center	35 E. Wacker Drive, Suite 1600 Suite 1600 Chicago, IL 60601	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Madeleine	Klein	mklein@socoreenergy.com	SoCore Energy	225 W Hubbard Street Suite 200 Chicago, IL 60654	Electronic Service	No	OFF_SL_15-786_PUC Official SL
John	Kluempke	jwkluempke@winlectric.co m	Elk River Winlectric	12777 Meadowvale Rd  Elk River,  MN  55330	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Jon	Kramer	jk2surf@aol.com	Sundial Solar	4708 york ave. S  Minneapolis, MN 55410	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Michael	Krause	michaelkrause61@yahoo.c om	Kandiyo Consulting, LLC	433 S 7th Street Suite 2025 Minneapolis, Minnesota 55415	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Holly	Lahd	lahd@fresh-energy.org	Fresh Energy	408 St. Peter Street Ste 220 St. Paul, MN 55102	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Dean	Leischow	dean@sunriseenergyventur es.com	Sunrise Energy Ventures	601 Carlson Parkway, Suite 1050 Minneapolis, MN 55305	Electronic Service	No	OFF_SL_15-786_PUC Official SL

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Rebecca	Lundberg	rebecca.lundberg@powerfu llygreen.com	Powerfully Green	11451 Oregon Ave N Champlin, MN 55316	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Casey	MacCallum	casey@appliedenergyinnov ations.org	Applied Energy Innovations	4000 Minnehaha Ave S Minneapolis, MN 55406	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Erica	McConnell	emcconnell@kfwlaw.com	Keyes, Fox & Wiedman LLP	436 14th Street, Suite 1305  Oakland, California 94612	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Thomas	Melone	Thomas.Melone@AllcoUS.com	Minnesota Go Solar LLC	222 South 9th Street Suite 1600 Minneapolis, Minnesota 55120	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Jenny	Monson Miller	jmonson- miller@mysunshare.com	SunShare	609 S. 10th St., Ste 210  Minneapolis, MN 55404	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Andrew	Moratzka	apmoratzka@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Martin	Morud	mmorud@trunorthsolar.co m	Tru North Solar	5115 45th Ave S  Minneapolis, MN 55417	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Rolf	Nordstrom	rnordstrom@gpisd.net	Great Plains Institute	2801 21ST AVE S STE 220  Minneapolis, MN 55407-1229	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Jeff	O'Neill	jeff.oneill@ci.monticello.mn .us	City of Monticello	505 Walnut Street Suite 1 Monticelllo, Minnesota 55362	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Dan	Patry	dpatry@sunedison.com	SunEdison	600 Clipper Drive  Belmont, CA 94002	Electronic Service	No	OFF_SL_15-786_PUC Official SL

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
leffrey C	Paulson	jeff.jcplaw@comcast.net	Paulson Law Office, Ltd.	7301 Ohms Ln Ste 325 Edina, MN 55439	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Donna	Pickard	dpickard@aladdinsolar.co m	Aladdin Solar	1215 Lilac Lane Excelsior, MN 55331	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Gayle	Prest	gayle.prest@minneapolism n.gov	City of Mpls Sustainability	350 South 5th St, #315  Minneapolis, MN 55415	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Matthew J.	Schuerger P.E.	mjsreg@earthlink.net	Energy Systems Consulting Services, LLC	PO Box 16129 St. Paul, MN 55116	Electronic Service	No	OFF_SL_15-786_PUC Official SL
David	Shaffer	shaff081@gmail.com	MnSEIA	2952 Beechwood AVE  Beechwood Ave, Wayzata 55391	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Doug	Shoemaker	dougs@mnRenewables.or g	MRES	2928 5th Ave S  Minneapolis, MN 55408	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Eric	Swanson	eswanson@winthrop.com	Winthrop Weinstine	225 S 6th St Ste 3500 Capella Tower Minneapolis, MN 554024629	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Γhomas P.	Sweeney III	tom.sweeney@easycleane nergy.com	Clean Energy Collective	P O Box 1828 Boulder, CO 80306-1828	Electronic Service	No	OFF_SL_15-786_PUC Official SL
SaGonna	Thompson	Regulatory.records@xcele nergy.com	Xcel Energy	414 Nicollet Mall FL 7  Minneapolis, MN 554011993	Electronic Service	No	OFF_SL_15-786_PUC Official SL
Pat	Treseler	pat.jcplaw@comcast.net	Paulson Law Office LTD	Suite 325 7301 Ohms Lane Edina, MN 55439	Electronic Service	No	OFF_SL_15-786_PUC Official SL

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Jason	Willett	jason.willett@metc.state.m n.us	Metropolitan Council	390 Robert St N Saint Paul, MN 55101-1805	Electronic Service		OFF_SL_15-786_PUC Official SL
Daniel	Williams	DanWilliams.mg@gmail.co m	Powerfully Green	11451 Oregon Avenue N Champlin, MN 55316	Electronic Service		OFF_SL_15-786_PUC Official SL